

सिपेट : इंस्टीट्यूट ऑफ प्लास्टिक्स टेक्नोलॉजी (आई.पी.टी.)
CIPET : INSTITUTE OF PLASTICS TECHNOLOGY (IPT)

(रसायन एवं पेट्रोरसायन विभाग)
(Department Of Chemicals & Petrochemicals)



CIPET सिपेट
probe • perform • practice • Plastics

(रसायन एवं उर्वरक मंत्रालय, भारत सरकार)
(Ministry Of Chemicals & Fertilizers, Govt. of India)

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CC-2745

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अंशांकन प्रमाण पत्र / Calibration Certificate

ULR No. : CC27452000001308F



CERTIFICATE NO. : 202/RP/0320	SHEET 1 OF 1
CALIBRATION OF : Centrifuge Machine	
CALIBRATED ON : 07.03.2020	CALIBRATION DUE: 07.03.2021

- 1 Calibrated for : M/S TB Hospital
Lucknow
- 2 Service Request No. & date :
- 3 Identification of Device Under Calibration (DUC)
- a) Range : 3000 rpm Max.
- b) Least Count : 10 rpm
- c) Calibrated Range : 2000 to 3000 rpm
- d) Serial No. : 2017-18/125
- e) Make/Model : Laby Instruments Industries/I-3BLD
- f) Location : TB/CF-01

4 Standard & Major equipment(s) used for calibration :

Standard(s)	Range/Least count	Limit of Accuracy/ Uncertainty in meas.	Traceability/ Validity
Digital Techometer	10 to 5000 rpm 0.1 rpm	± 2.881 rpm	M-200304-13-1 04.03.2021

5 Environmental Condition(s): Temperature : 23±2 °C Relative Humidity: 50±10 %

6 Calibration Procedure: CCC/CP-ET/21

7 Calibration Results :

S.No.	Scale	Standard Value	DUC Value (Avg.)	Correction
a.	rpm	2000	1876.40	123.60
b.	rpm	3000	2889.40	110.60

**Expanded Uncertainty of measurement = ± 27.00 rpm

with coverage factor k=2 at 95.45 % of confidence level.

8 Inference :

- (a) The correction is positive except when indicated otherwise, it has to be algebraically added to the DUC value in order to get actual value.
- (b) The calibration certificate shall not be reproduced except in full without written approval of laboratory.
- (c) The above result related only to the instrument submitted in as received condition .
- (d) The above values are reported as such and may be taken accordingly whenever in use.
- (e) Label affixed on device.

Checked by

Approved by
Authorized Signatory

VIVEK KUMAR
Sr. Technical Officer
(Quality Manager)